

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	437	OLED.ti. or TOLED.ti.	US-PGPUB; USPAT	OR	ON	2006/04/30 14:20
L2	0	(OLED.ti. or TOLED.ti.) and windshield.clm.	US-PGPUB; USPAT	OR	ON	2006/04/30 14:20
L3	1	(OLED.ti. or TOLED.ti.) and windshield	US-PGPUB; USPAT	OR	ON	2006/04/30 14:25
L4	1	(OLED.ti. or TOLED.ti.) and windshield	US-PGPUB; USPAT	OR	ON	2006/04/30 14:21
L5	11	(OLED.ti. or TOLED.ti.) and (hud or "heads up display")	US-PGPUB; USPAT	OR	ON	2006/04/30 14:25
L6	13	"345"/\$.ccls. and windshield and (OLED or TOLED)	US-PGPUB; USPAT	OR	ON	2006/04/30 14:30
L7	17	"345"/\$.ccls. and windshield and (OLED or TOLED or "organic EL")	US-PGPUB; USPAT	OR	ON	2006/04/30 14:30
L8	4	l7 not l6	US-PGPUB; USPAT	OR	ON	2006/04/30 14:30
L9	2	(345/7-9.ccls. or 345/76-82.ccls. or 345/105.ccls.) and windshield and OLED	US-PGPUB; USPAT	OR	ON	2006/04/30 14:36
L10	14	(345/7-9.ccls. or 345/76-82.ccls. or 345/105.ccls.) and windshield and (TOLED or EL or OLED)	US-PGPUB; USPAT	OR	ON	2006/04/30 14:50
L11	15	(345/7-9.ccls. or 345/76-82.ccls. or 345/105.ccls. or 345/7-9.ccls. or 257/96.ccls.) and windshield and (TOLED or EL or OLED)	US-PGPUB; USPAT	OR	ON	2006/04/30 14:50
S2	1	windshield.ab. and TOLED.ab.	US-PGPUB; USPAT	OR	ON	2006/04/19 12:45
S3	1	windshield.ab. and TOLED and HUD	US-PGPUB; USPAT	OR	ON	2006/04/13 16:44
S4	2	windshield and TOLED and HUD	US-PGPUB; USPAT	OR	ON	2006/04/13 16:47
S5	2	TOLED and HUD	US-PGPUB; USPAT	OR	ON	2006/04/13 16:47
S6	19	windshield and OLED and HUD	US-PGPUB; USPAT	OR	ON	2006/04/13 17:01
S7	2	windshield and TOLED and HUD	US-PGPUB; USPAT	OR	ON	2006/04/13 17:01
S8	2	TOLED and HUD	US-PGPUB; USPAT	OR	ON	2006/04/13 17:01
S9	27	transparent and OLED and HUD	US-PGPUB; USPAT	OR	ON	2006/04/13 17:14

## EAST Search History

S10	294	345/7-9.ccls. and windshield	US-PGPUB; USPAT	OR	ON	2006/04/30 14:26
S11	2	345/7-9.ccls. and windshield and OLED	US-PGPUB; USPAT	OR	ON	2006/04/30 14:35
S12	70	345/7-9.ccls. and windshield and LED	US-PGPUB; USPAT	OR	ON	2006/04/13 17:33
S13	7	345/7-9.ccls. and HUD.ab. and LED	US-PGPUB; USPAT	OR	ON	2006/04/13 17:34
S14	7	345/7-9.ccls. and HUD.ab. and (OLED or TOLED or LED)	US-PGPUB; USPAT	OR	ON	2006/04/13 18:45
S15	2	("5718967" "6203898").pn.	US-PGPUB; USPAT	OR	ON	2006/04/13 18:53
S16	2	HUD and "polycarbonate film"	US-PGPUB; USPAT	OR	ON	2006/04/13 19:23
S17	1	345/7-9.ccls. and "polycarbonate film"	US-PGPUB; USPAT	OR	ON	2006/04/13 18:54
S18	63	345/7-9.ccls. and "polycarbonate"	US-PGPUB; USPAT	OR	ON	2006/04/13 18:54
S19	16	345/7-9.ccls. and "polycarbonate" and HUD	US-PGPUB; USPAT	OR	ON	2006/04/13 18:54
S20	3	"lewis, david".xa. and OLED	US-PGPUB; USPAT	OR	ON	2006/04/30 14:19
S21	5	"lewis, david".xa. and helmet	US-PGPUB; USPAT	OR	ON	2006/04/13 19:24
S22	0	"lewis, david".xa. and motorcycle	US-PGPUB; USPAT	OR	ON	2006/04/13 19:24
S23	7	"lewis, david".xa. and curved.clm.	US-PGPUB; USPAT	OR	ON	2006/04/13 19:25
S24	277	"lewis, david".xa. and "345"/\$. ccls.	US-PGPUB; USPAT	OR	ON	2006/04/13 19:30
S25	21	"lewis, david".xa. and contour	US-PGPUB; USPAT	OR	ON	2006/04/13 19:31
S26	60	HUD.ab.	US-PGPUB; USPAT	OR	ON	2006/04/13 19:33
S27	106	windshield.ab. and "345"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/13 19:35
S28	19	windshield.ab. and "345"/\$.ccls. and laminat\$4	US-PGPUB; USPAT	OR	ON	2006/04/13 19:36
S29	57	windshield.ab. and display.ab. and laminat\$4	US-PGPUB; USPAT	OR	ON	2006/04/13 19:43
S30	48	windshield.ab. and virtual.ab.	US-PGPUB; USPAT	OR	ON	2006/04/13 19:44
S31	823	345/7.ccls.	US-PGPUB; USPAT	OR	ON	2006/04/13 19:45

## EAST Search History

S32	34	345/7.ccls. and polycarbonate	US-PGPUB; USPAT	OR	ON	2006/04/13 19:50
S33	9	345/105.ccls. and polycarbonate	US-PGPUB; USPAT	OR	ON	2006/04/13 19:50
S34	330	windshield.ab. and polycarbonate	US-PGPUB; USPAT	OR	ON	2006/04/13 19:51
S35	272	windshield.ab. and display.ab.	US-PGPUB; USPAT	OR	ON	2006/04/13 19:51
S36	14	windshield.ab. and display.ab. and ITO	US-PGPUB; USPAT	OR	ON	2006/04/13 19:52
S37	671	"345"/\$.ccls. and helmet and display	US-PGPUB; USPAT	OR	ON	2006/04/13 19:53
S38	7	plies and pixel and windshield	US-PGPUB; USPAT	OR	ON	2006/04/13 19:54
S39	285	345/7.ccls. and pixel	US-PGPUB; USPAT	OR	ON	2006/04/13 19:54
S40	0	345/7.ccls. and pixel and plies	US-PGPUB; USPAT	OR	ON	2006/04/13 19:55
S41	0	345/7.ccls. and pixel and ply	US-PGPUB; USPAT	OR	ON	2006/04/13 19:55
S42	40	345/7.ccls. and pixel and windshield	US-PGPUB; USPAT	OR	ON	2006/04/13 20:02
S43	169	TOLED	US-PGPUB; USPAT	OR	ON	2006/04/13 20:08
S44	75	TOLED and (car or automobile or vehicle)	US-PGPUB; USPAT	OR	ON	2006/04/14 09:30
S45	1	TOLED and plies	US-PGPUB; USPAT	OR	ON	2006/04/14 09:30
S46	30	TOLED and window	US-PGPUB; USPAT	OR	ON	2006/04/14 09:47
S47	0	"20030144034".ccls. and (TOLED or window or windshield or electrode or ITO or transparent or glass or plies or conductor or ploycarbon\$5 or pixel or ply or pressure or laminat\$ or interlayer)	US-PGPUB; USPAT	OR	ON	2006/04/14 09:54
S48	1	"20030144034".pn. and (TOLED or window or windshield or electrode or ITO or transparent or glass or plies or conductor or ploycarbon\$5 or pixel or ply or pressure or laminat\$ or interlayer)	US-PGPUB; USPAT	OR	ON	2006/04/14 10:08
S49	3	(TOLED same window same windshield )	US-PGPUB; USPAT	OR	ON	2006/04/14 10:16

## EAST Search History

S50	3	((TOLED or (transparent adj3 OLED)) same window same windshield )	US-PGPUB; USPAT	OR	ON	2006/04/14 10:16
S51	3	((TOLED or (transparent adj3 OLED)) same window same windshield )	US-PGPUB; USPAT	OR	ON	2006/04/14 10:17
S52	12	((TOLED or (transparent adj3 OLED)) same layer same windshield )	US-PGPUB; USPAT	OR	ON	2006/04/14 10:17
S53	2	windshield and TOLED and laminat\$5	US-PGPUB; USPAT	OR	ON	2006/04/18 16:01
S54	687	windshield.ab. and laminat\$5	US-PGPUB; USPAT	OR	ON	2006/04/18 16:02
S55	2	windshield.ab. and laminat\$5 and (OLED)	US-PGPUB; USPAT	OR	ON	2006/04/18 16:02
S56	65	windshield and laminat\$5 and (OLED)	US-PGPUB; USPAT	OR	ON	2006/04/18 16:20
S57	46	windshield same (OLED)	US-PGPUB; USPAT	OR	ON	2006/04/18 16:40
S58	1	plies and TOLED	US-PGPUB; USPAT	OR	ON	2006/04/18 16:41
S59	8	plies and OLED	US-PGPUB; USPAT	OR	ON	2006/04/18 16:41
S60	0	"windshield." and TOLED and "hole transport\$4"	US-PGPUB; USPAT	OR	ON	2006/04/19 12:46
S61	0	"windshield" and TOLED and "hole transport\$4"	US-PGPUB; USPAT	OR	ON	2006/04/19 12:46
S62	7	"windshield" and TOLED and "hole transport"	US-PGPUB; USPAT	OR	ON	2006/04/19 13:20
S63	3872	"PPG industries".asn.	US-PGPUB; USPAT	OR	ON	2006/04/19 13:21
S64	0	"PPG industries".asn. and TOLED	US-PGPUB; USPAT	OR	ON	2006/04/19 13:21
S65	0	"PPG industries".asn. and OLED	US-PGPUB; USPAT	OR	ON	2006/04/19 13:21
S66	1	"PPG industries".asn. and HUD	US-PGPUB; USPAT	OR	ON	2006/04/19 13:23
S67	405	"PPG industries".asn. and windshield	US-PGPUB; USPAT	OR	ON	2006/04/19 13:23
S68	243	"PPG industries".asn. and windshield and laminat\$4	US-PGPUB; USPAT	OR	ON	2006/04/19 13:23
S69	0	"PPG industries".asn. and windshield and laminat\$4 and pixel	US-PGPUB; USPAT	OR	ON	2006/04/19 13:24

## EAST Search History

S70	16	"PPG industries".asn. and windshield and laminat\$4 and display	US-PGPUB; USPAT	OR	ON	2006/04/19 13:28
S71	19	windshield.ti. and laminat\$4 and display.ti.	US-PGPUB; USPAT	OR	ON	2006/04/19 14:17
S72	34	windshield.ti. and display.ti.	US-PGPUB; USPAT	OR	ON	2006/04/19 14:24
S73	779	vehicle.ti. and display.ti.	US-PGPUB; USPAT	OR	ON	2006/04/19 14:30
S74	138	hud and "light emitting" and display and (windshield or window)	US-PGPUB; USPAT	OR	ON	2006/04/19 14:35
S75	0	"non projector" with HUD	US-PGPUB; USPAT	OR	ON	2006/04/19 14:36
S76	0	"non-projector" with HUD	US-PGPUB; USPAT	OR	ON	2006/04/19 14:36
S77	0	(without adj. projector) with HUD	US-PGPUB; USPAT	OR	ON	2006/04/19 14:37
S78	0	(without adj. projector) same HUD	US-PGPUB; USPAT	OR	ON	2006/04/19 14:37
S79	15	"non projector"	US-PGPUB; USPAT	OR	ON	2006/04/19 14:37
S80	60	hud.ab.	US-PGPUB; USPAT	OR	ON	2006/04/19 14:40
S81	44	(hud or "heads up display") and (ply or plies)	US-PGPUB; USPAT	OR	ON	2006/04/19 14:45
S82	4405	(display) and (ply or plies)	US-PGPUB; USPAT	OR	ON	2006/04/19 14:46
S83	211	(display) and (ply or plies) AND "light emitting"	US-PGPUB; USPAT	OR	ON	2006/04/19 14:53
S84	57	(display) and (ply or plies) AND "light emitting" and pixel	US-PGPUB; USPAT	OR	ON	2006/04/19 14:58
S85	170	"345"/\$.ccls. and windshield.clm.	US-PGPUB; USPAT	OR	ON	2006/04/19 15:14
S86	1	"6091376".PN.	USPAT; USOCR	OR	ON	2006/04/19 15:08
S87	1	"5920363".PN.	USPAT; USOCR	OR	ON	2006/04/19 15:10
S88	61	(OLED or EL) and windshield.clm.	US-PGPUB; USPAT	OR	ON	2006/04/19 15:33
S89	536	(OLED or EL or LED) and windshield.clm.	US-PGPUB; USPAT	OR	ON	2006/04/19 15:15
S90	3	("organic EL") and windshield.clm.	US-PGPUB; USPAT	OR	ON	2006/04/19 17:06



## EAST Search History

S91	30	("organic EL") and windshield and display	US-PGPUB; USPAT	OR	ON	2006/04/19 17:07
S92	20	("organic EL") and windshield and display and pixel	US-PGPUB; USPAT	OR	ON	2006/04/19 17:07
S93	1	"10/690180"	US-PGPUB; USPAT	OR	ON	2006/04/20 11:17
S94	214	"transparent conductor" and windshield	US-PGPUB; USPAT	OR	ON	2006/04/20 11:17
S95	178	"transparent conductor" and windshield and display	US-PGPUB; USPAT	OR	ON	2006/04/20 11:18
S96	73	"transparent conductor" and windshield and display and (TOLED or LED or OLED or "organic EL")	US-PGPUB; USPAT	OR	ON	2006/04/20 11:25
S97	1	"transparent conductor" same windshield same display same (TOLED or LED or OLED or "organic EL")	US-PGPUB; USPAT	OR	ON	2006/04/20 11:26
S98	1	"transparent conductor" same windshield same (TOLED or LED or OLED or "organic EL")	US-PGPUB; USPAT	OR	ON	2006/04/20 11:30
S99	15	"transparent conductor" same windshield	US-PGPUB; USPAT	OR	ON	2006/04/20 11:26
S100	251	"transparent conductor" same (TOLED or LED or OLED or "organic EL")	US-PGPUB; USPAT	OR	ON	2006/04/20 11:30
S101	10	("transparent conductor" same (TOLED or LED or OLED or "organic EL")) and windshield	US-PGPUB; USPAT	OR	ON	2006/04/20 11:30
S102	236	"polymeric layer" and (TOLED OR OLED)	US-PGPUB; USPAT	OR	ON	2006/04/20 15:39
S103	2	"polymeric layer" and (TOLED OR OLED) and windshield	US-PGPUB; USPAT	OR	ON	2006/04/20 15:43
S104	1	"7012363".pn. and polymeric with layer	US-PGPUB; USPAT	OR	ON	2006/04/20 16:22
S105	23	((polymeric or polymer) with ITO) and TOLED	US-PGPUB; USPAT	OR	ON	2006/04/20 16:22
S106	1	"20030213967".pn.	US-PGPUB; USPAT	OR	ON	2006/04/24 11:14
S107	1	"20030213967".pn. and transparent	US-PGPUB; USPAT	OR	ON	2006/04/25 09:44
S108	1	"20030213967".pn. and poly\$8	US-PGPUB; USPAT	OR	ON	2006/04/25 14:42
S109	1	"20060066508".pn.	US-PGPUB; USPAT	OR	ON	2006/04/25 14:43

## EAST Search History

S11 0	35	TOLED and adhesive	US-PGPUB; USPAT	OR	ON	2006/04/25 14:44
S11 1	1	TOLED and adhesive and (hud or "head up display" or "heads up display")	US-PGPUB; USPAT	OR	ON	2006/04/25 14:44